AUTODOC CLUB

How to change front ABS sensor on **AUDI TT Roadster (8N9)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI TT Roadster (8N9) 1.8 T, AUDI TT Roadster (8N9) 1.8 T quattro, AUDI TT Roadster (8N9) 3.2 VR6 quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Golf IV Hatchback (1J1) 1.6

REPLACEMENT: ABS SENSOR – AUDI TT ROADSTER (8N9). TOOLS YOU MIGHT NEED:

- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Multipurpose grease
- Torque wrench
- Torx bit T30
- HEX bit No.H5
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- Pin punch
- Tap wrench
- Hammer
- Crow bar
- Wheel chock

Buy tools

Replacement: ABS sensor – AUDI TT Roadster (8N9). Tip from AUTODOC:

- All work should be done with the engine stopped.

REPLACEMENT: ABS SENSOR – AUDI TT ROADSTER (8N9). TAKE THE FOLLOWING STEPS:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. AUDI TT Roadster (8N9)

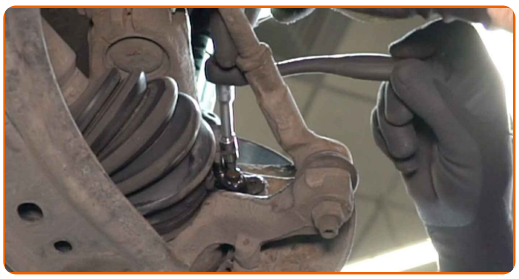
5 Remove the wheel.

6 Clean the ABS sensor fastener. Use a nylon cleaning brush. Use WD-40 spray.

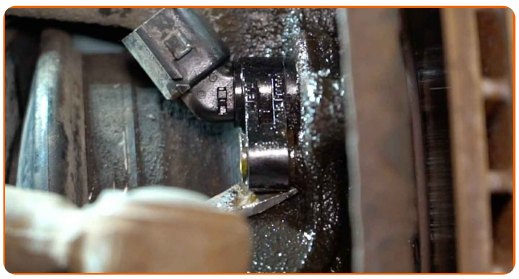
7 Detach the ABS sensor connector. Use a flat screwdriver.

8 Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.

9 Unscrew the ABS sensor fastener. Use HEX No.H5. Use a ratchet wrench.



10 Remove the caps from the brake caliper guide pin boots. Use a crowbar.



11 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench. Use a tap wrench.

12 Spread the brake pads. Use a crowbar.

13 Remove the brake caliper.

Replacement: ABS sensor – AUDI TT Roadster (8N9). Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

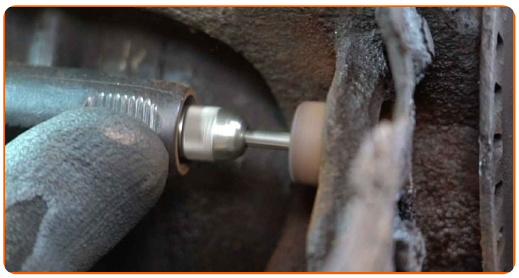
14 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

15 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

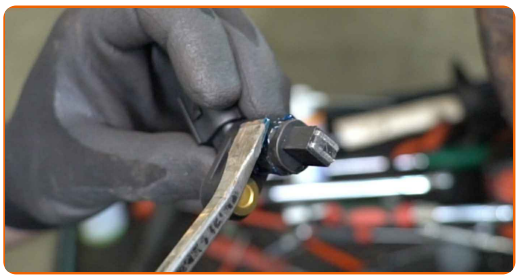
16 Remove the brake disc.

17 Disconnect the ABS sensor. Use a pin punch. Use a hammer. Use a crowbar.

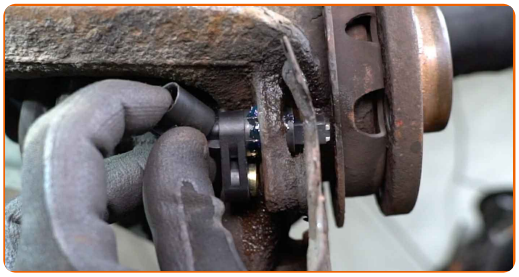
18 Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray.



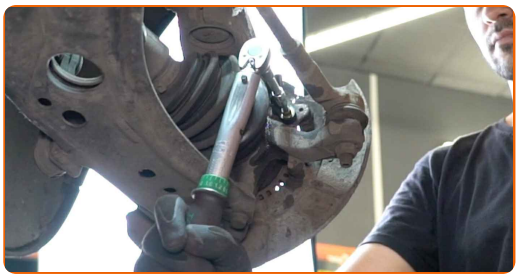
19 Treat the ABS sensor fastener. Use a multipurpose grease.



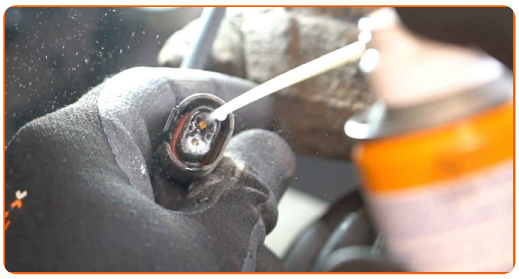
20 Connect the ABS sensor.



21 Tighten the fastener that connects the ABS sensor to the steering knuckle. Use HEX No.H5. Use a torque wrench. Tighten it to 6 Nm torque.



22 Treat the ABS sensor connector. Use dielectric grease.



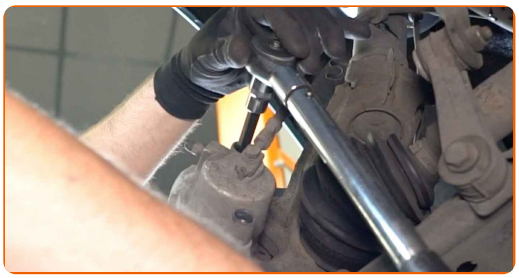
23 Attach the ABS sensor connector.

24 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

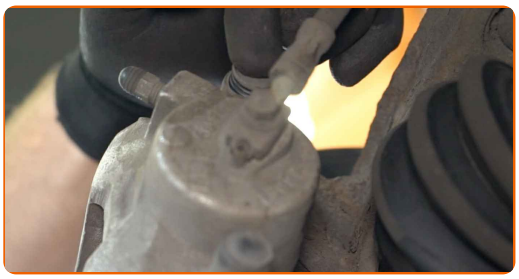
25 Install the brake disc.

26 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 6 Nm torque.

27 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.

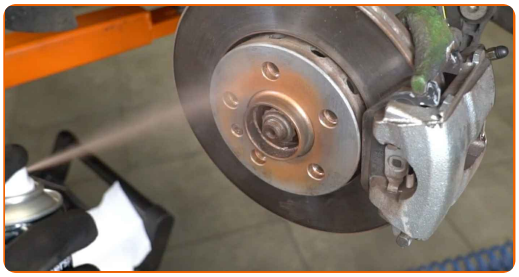


28 Install the caps on the brake caliper guide pin boots.

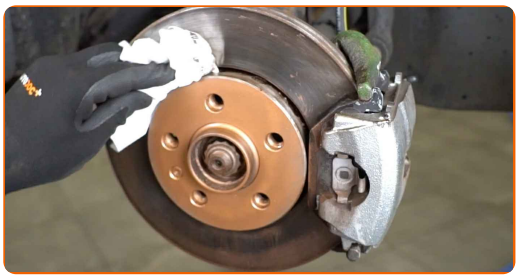


29 Clean the wheel rim mounting seat. Use a wire brush.

30 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



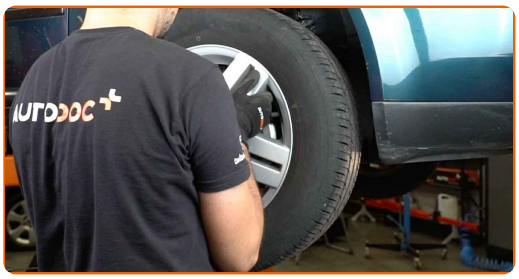
31 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: ABS sensor – AUDI TT Roadster (8N9). After applying the spray, wait a few minutes.

32 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI TT Roadster (8N9)

33 Screw in the wheel bolts. Use wheel impact socket #17.

34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.

35 Remove the jacks and chocks.

WELL DONE!

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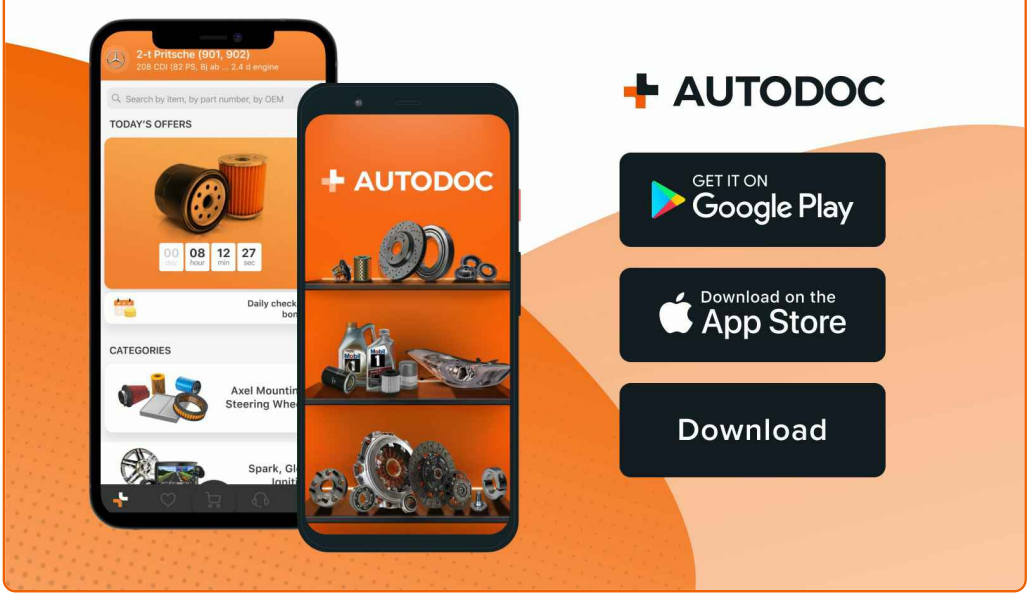

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

ABS SENSOR: A WIDE SELECTION

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